

Converting Colors

$Y_{xy}(52.0233, 0.2986, 0.3081)$

Have a look what the booklet for
Yxy(52.0233, 0.2986, 0.3081)
contains.

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Color

Yxy(52.0233, 0.2986, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	BCBECF
RGB	188, 190, 207
RGB Percent	74%, 75%, 81%
CMY	0.2626, 0.2549, 0.1883
CMYK	0.09, 0.08, 0.00, 0.19
HSL	234°, 16%, 77%
HSV	234°, 9%, 81%
XYZ	50.4192, 52.0233, 66.4095
YIQ	191.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

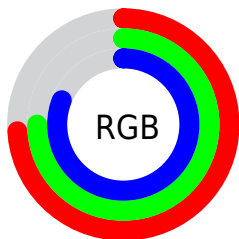
Format	Color
R _Y B	188, 190, 207
Decimal	12369615
CIE Lab	77.29, 2.62, -8.76
CIE LCh	77, 9.141, 286.653
Yxy	52.0233, 0.2986, 0.3081
Android (android.graphics.Color)	4290559695 (0xFFBCBECF)
YUV	191.3400, 7.7204, -2.9292
Hunter-Lab	72.1272, -1.4454, -4.1009

Details

The Yxy color **52.0233, 0.2986, 0.3081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5706, 0.3265, 0.3491**, and the grayscale version is **52.2683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3646, 0.3062, 0.3202**, and **25.3421, 0.2947, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **42.0507, 0.2815, 0.2824**, and if you desaturate by 10%, it is **63.4002, 0.3139, 0.3308**.

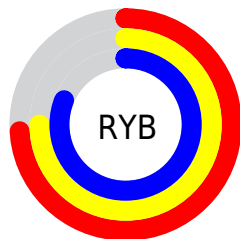
Distribution



Red (74%)

Green (75%)

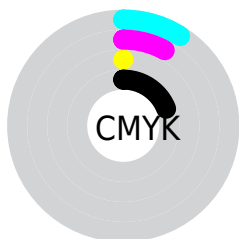
Blue (81%)



Red (74%)

Yellow (75%)

Blue (81%)

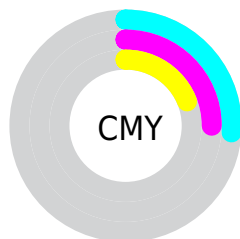


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (25%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0233, 0.2986, 0.3081 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 52.0233, 0.2986, 0.3081 by changing the saturation by 10% instead.

■ 52.0233, 0.2986,
0.3081

■ 52.0233, 0.2986,
0.3081

■ 394.5266, 0.3055,
0.3183

■ 37.0236, 0.2969,
0.3056

■ 93.1656, 0.3011,
0.3117

■ 25.2258, 0.2947,
0.3025

■ 120.0770, 0.3020,
0.3131

■ 16.2454, 0.2919,
0.2984

■ 151.7279, 0.3028,
0.3143

■ 9.6979, 0.2880,
0.2929

■ 188.5025, 0.3035,
0.3153

■ 5.1991, 0.2824,
0.2849

■ 230.7852, 0.3041,
0.3162

■ 2.3646, 0.2734,
0.2724

■ 278.9606, 0.3047,

■ 0.8076, 0.2572,

0.3170

0.2498

333.4129, 0.3051,
0.3177

0.0000, 0.0000,
0.0000

52.0233, 0.2986,
0.3081

52.0233, 0.2986,
0.3081

42.0507, 0.2815,
0.2824

63.4002, 0.3139,
0.3308

33.4215, 0.2628,
0.2538

76.2262, 0.3275,
0.3506

26.0802, 0.2428,
0.2228

90.5520, 0.3394,
0.3677

19.9647, 0.2224,
0.1902

97.2846, 0.3412,
0.3761

15.0079, 0.2024,
0.1577

■ 11.1362, 0.1842,
0.1271

■ 8.2672, 0.1693,
0.1008

■ 6.3068, 0.1585,
0.0805

■ 5.1299, 0.1523,
0.0674

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.0233, 0.2910, 0.3110



52.0233, 0.2986, 0.3081



52.0233, 0.3101, 0.3106

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0233, 0.2986, 0.3081



52.0233, 0.3369, 0.3384



52.0233, 0.3028, 0.3407

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.0233, 0.2986, 0.3081



60.5706, 0.3265, 0.3491

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.0233, 0.3150, 0.3484



52.0233, 0.2986, 0.3081



52.0233, 0.3348, 0.3468

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0233, 0.2986, 0.3081



52.0233, 0.3324, 0.3278



52.0233, 0.3267, 0.3506



52.0233, 0.2934, 0.3297

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0233, 0.2986, 0.3081



52.0233, 0.3185, 0.3149



52.0233, 0.3267, 0.3506



52.0233, 0.3067, 0.3437

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.0255, 0.2986, 0.3081



94.2811, 0.3082, 0.3224



59.7139, 0.3002, 0.3316



19.8606, 0.3070, 0.3205



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.0255, 0.2986, 0.3081



80.0587, 0.2954, 0.3033



52.1257, 0.3043, 0.3061



11.6122, 0.2982, 0.3075



3.2537, 0.1522, 0.0678



0.2506, 0.1582, 0.0896

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.9610, 0.3270, 0.3267



81.8762, 0.3305, 0.3262



60.4950, 0.3206, 0.3517



11.8279, 0.3274, 0.3266



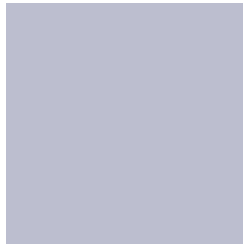
8.3997, 0.6269, 0.3227



0.4766, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 52.0233, 0.2986, 0.3081 looks on a white background.

Color Contrast Check

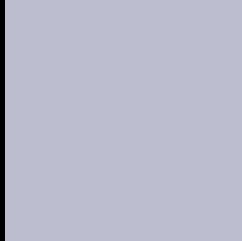
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 52.0233, 0.2986, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

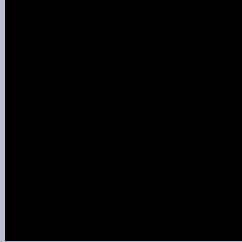
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

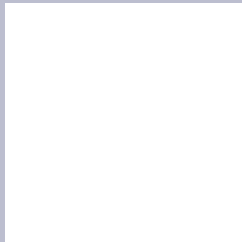
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0233, 0.2986, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 52.0233, 0.2986, 0.3081.

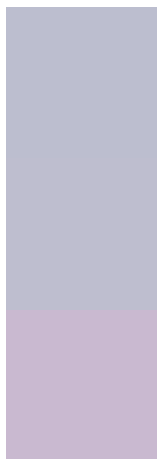


This preview shows how white text looks on a background with the Yxy color 52.0233, 0.2986, 0.3081.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.0233, 0.2986, 0.3081

Protanopia

52.2791, 0.3001, 0.3082

Deuteranopia

51.6695, 0.3083, 0.3015



Tritanopia

51.9261, 0.3000, 0.3105

Trichromacy



Original Color

52.0233, 0.2986, 0.3081

Protanomaly

52.1507, 0.2994, 0.3081

Deuteranomaly

51.8305, 0.3042, 0.3036

Tritanomaly

51.9745, 0.2993, 0.3093

Monochromacy



Original Color

52.0233, 0.2986, 0.3081

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2400, 0.3074, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0233, 0.2986, 0.3081 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(188, 190, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 190, 207) }
```

Border

The CSS property to change the border of an element to Yxy 52.0233, 0.2986, 0.3081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 190, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 190, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(188, 190,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0233, 0.2986, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 190, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
190, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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